

ing from the top of a bank, with the roots above, and the branches almost dipping into the sea below. When growing on level ground, great bunches of red fibrous rootlets may occasionally be seen hanging from the boughs. These do not reach the ground and their function is unknown. The timber is extremely hard and durable." (Blackwell and Laing, Plants of New Zealand.) For distribution later.

MOMORDICA COCHINCHINENSIS. (Cucurbitaceae.) 34692. Seeds from Manila, Philippine Islands. Presented by Mr. O. W. Barrett, Chief, Division of Horticulture, Bureau of Agriculture. "An attractive climber of medium vigorous growth, bearing roundish oblong fruits a little larger than an orange, having short orange colored spines." (Barrett.) For distribution later.

NICOTIANA RUSTICA. (Solanaceae.) 34752-754. Seeds of tobacco from Scafati, Italy. Presented by Mr. A. Splendore, Director, Royal Experimental Institute for the cultivation of tobacco. "These Nicotiana rusticas, abundantly fertilized with night-soil (from cess pools or pits) may yield up to 30 or more quintals (3000 lbs.) of leaves per hectare ( $2\frac{1}{2}$  acres) with a nicotine content of over 10 percent in our climate." (Splendore.) Introduced for the use of tobacco growers interested in the increasing of the nicotine content for nicotine production. For distribution later.

OSTERDAMIA MATRELLA. (Poaceae.) 34657. Seeds of Manila grass from the Philippine Islands. Procured by Mr. C. V. Piper, in charge of Forage Crop Investigations. "This grass is abundant on or near the seashore in the Philippine Islands. Where closely clipped it makes a beautiful lawn. The Luneta in Manila some years ago was planted to Bermuda grass, but at the present time more than 90 percent of the grass is this Osterdamia, which has gradually displaced the Bermuda which it closely resembles in habit and appearance. The grass has unusual promise as a lawn grass, especially near the Gulf Coast and the Atlantic Coast of Florida." (Piper.) For distribution later.

PASANIA CUSPIDATA. (Fagaceae.) 34642. Seeds of an evergreen oak from Yokohama, Japan. Purchased from the Yokohama Nursery Company. An evergreen oak, growing to immense size but also used as a hedge shrub. Promises to be hardy as far north as Norfolk. The small-sized acorns, borne in bunches, have a sweet taste, and are eaten boiled or roasted like chestnuts. For distribution later.